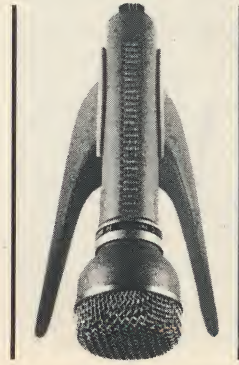
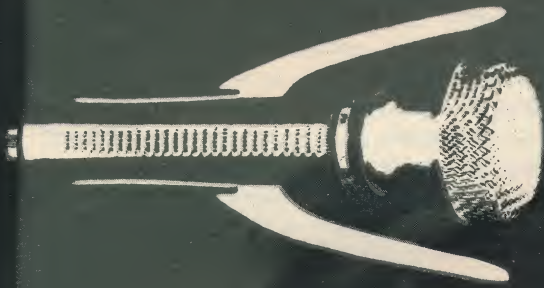


# Dynamic Cardioid Microphone

CALDWELL A/V EQUIPMENT CO. LTD.  
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TEL: 927-4822 • • • TELEX: 02-29428

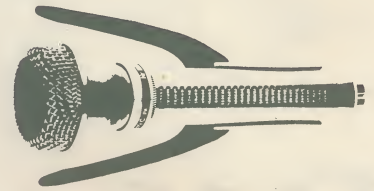


## D 19 C





# Dynamic Cardioid Microphone



A well designed and well constructed dynamic microphone. It surpasses the actual needs of the serious tape recordist. The AKG D 19 C is the culmination of hundreds of man years of experience, and is based on more than 100 000 microphones of the D 19 series in the field.

The D 19 C offers studio range quality and excellent front-to-back ratio for a cost which would have been impossible a few years ago. Thanks to the unique patented method, the experience, the selection of materials, and the care in assembly, the D 19 C today offers response from extreme low frequencies to beyond the limits of normal human audibility. The practical limits to the results obtainable today are set by the skill in the application of the D 19 C. D 19 C has an integrated "Music-Speech" control. In the "Speech" position, extreme low frequencies are reduced so that even very deep voices at "close-mike" are reproduced with extraordinary clarity and faithfulness. The satin metal exterior and fine workmanship of the D 19 C reflect the care taken in making the D 19 C a precision wide-range microphone, and in guaranteeing a long, trouble-free life. Practical accessories are available for mounting the D 19 C, and for extending its usefulness.

## Accessories

St 19	table stand 3/8" threads
SA 3	metal clamp stand adapter with 3-pole miniature connector and with built-in thread adapter SHZ 4 for 3/8", 1/2" and 5/8" -27
SA 7	metal stand adapter for W 24 with built-in thread adapter SHZ 4
SA 8	stand adapter with plastic molded clamp and built-in thread adapter SHZ 4
W 24	windscreen with elastic suspension
MSH 21	flexible microphone shaft, 8" long (200 mm) and approx. 15' (4,5 m) microphone cable with miniature-plug
U 212	microphone cable transformer with 10" (250 mm) cable for hi-Z inputs. Frequency range: 30 ... 20 000 cps
KU 219	cable transformer with 16' 6" (5 m) cable for hi-Z inputs. Frequency range: 30 ... 20 000 cps
St 200	anti-shock microphone floor stand (ask for individual leaflet)
St 201	microphone folding floor stand, light construction
SHZ 4	thread adapter 3/8", 1/2" and 5/8" -27



## Technical Data

Frequency range:	40 ... 16 000 cps
Frequency response:	± 3 db related to published curve
Directional characteristic:	cardioid
Bass attenuation:	0 to -10 db at 50 cps
Front-to-back ratio at 1000 cps:	15 db at 180° sound incidence
Impedance:	200 ohms (60 ohms if specified)
Sensitivity at 1000 cps:	0.18 mV/μbar unloaded
Connection:	3-pole miniature-plug, 1-3 = moving coil, 2 = ground
Stand connectors:	SA 3 or SA 8 stand adapter. SA 8 for 3/8", 1/2" and 5/8" -27 is supplied at no extra cost
Dimensions:	6" long, 1 7/16" diameter (152 x 36,2 mm)
Weights:	5.7 ozs. net (160 g), shipping weight: 1 lb. 9.6 ozs. (730 g) D 19 C comb - shipping weight: 2 lbs. 10.3 ozs. (1200 g)

### Basic Patents:

USA: 2 865 464  
G. B.: 786 111  
Österreich: 186 688, 191 955  
190 112, 205 560

# D 19 C



# D19C

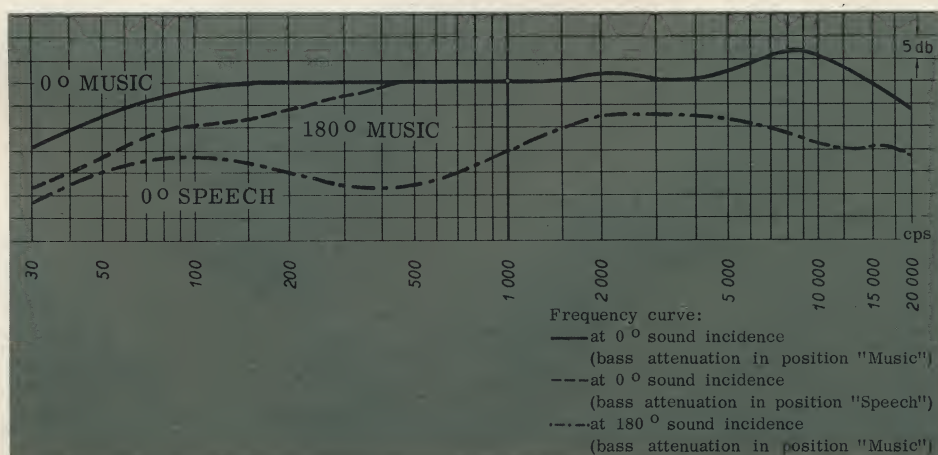
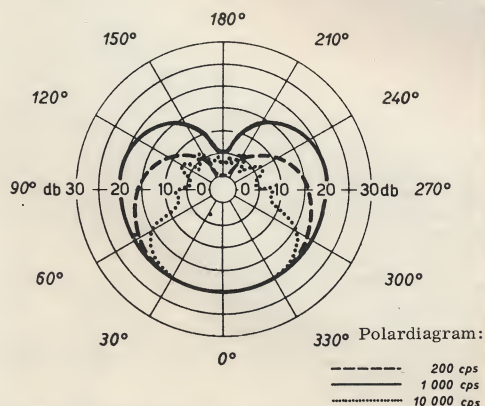
## Parts Supplied

D 19 C: microphone, in silk lined case, with connector 1483 and stand adapter SA 8.

D 19 C comb : microphone, in silk lined case, with connector 1483, stand adapter SA 8, table stand St 19 and microphone cable MK 1/5, 16' 6" (5 m).

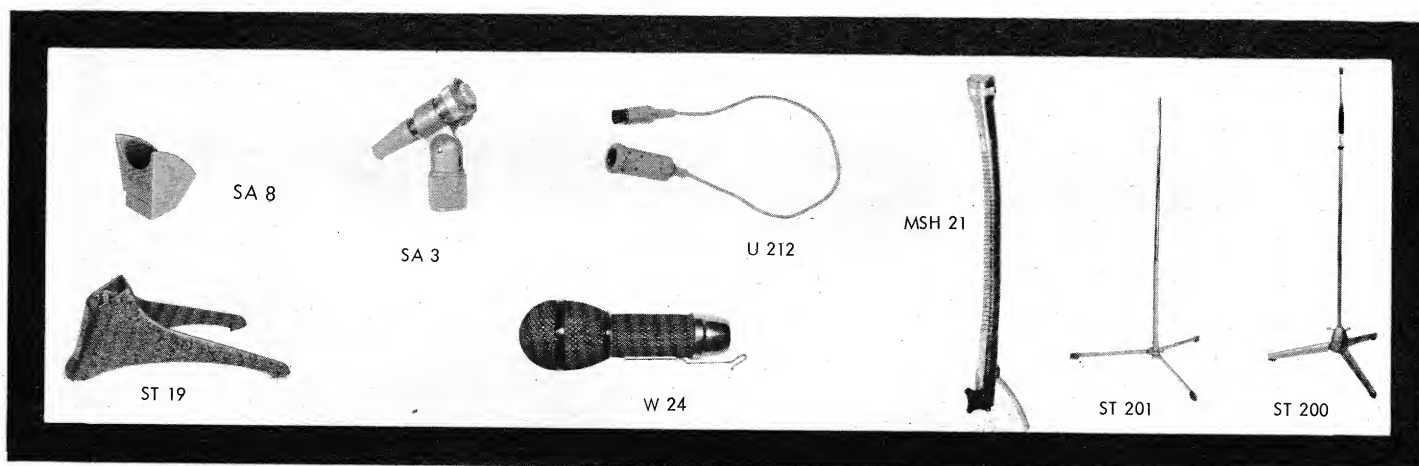
D 19 C comb /Hi: as D 19 C comb, but cable transformer KU 219 in place of microphone cable MK 1/5.

D 19 E: dynamic cardioid microphone with the same acoustic characteristics as the D 19 C, but with 5-pole Cannon XLR-connector and built-in transformer for 50, 200 and 50 000 ohms.





- 1) Remote pick-up application which takes advantage of the directional characteristics of D 19 C. Here shown at a car race.
- 2) Play productions make good use of table stand St 19 and stand adapter SA 8.
- 3) The reporter finds that the screen cover and protective grille are of advantage. At all practical environment temperatures, the D 19 C performs at high efficiency.
- 4) For highest fidelity music recordings, the D 19 C mounted on St 200 is an ideal combination.

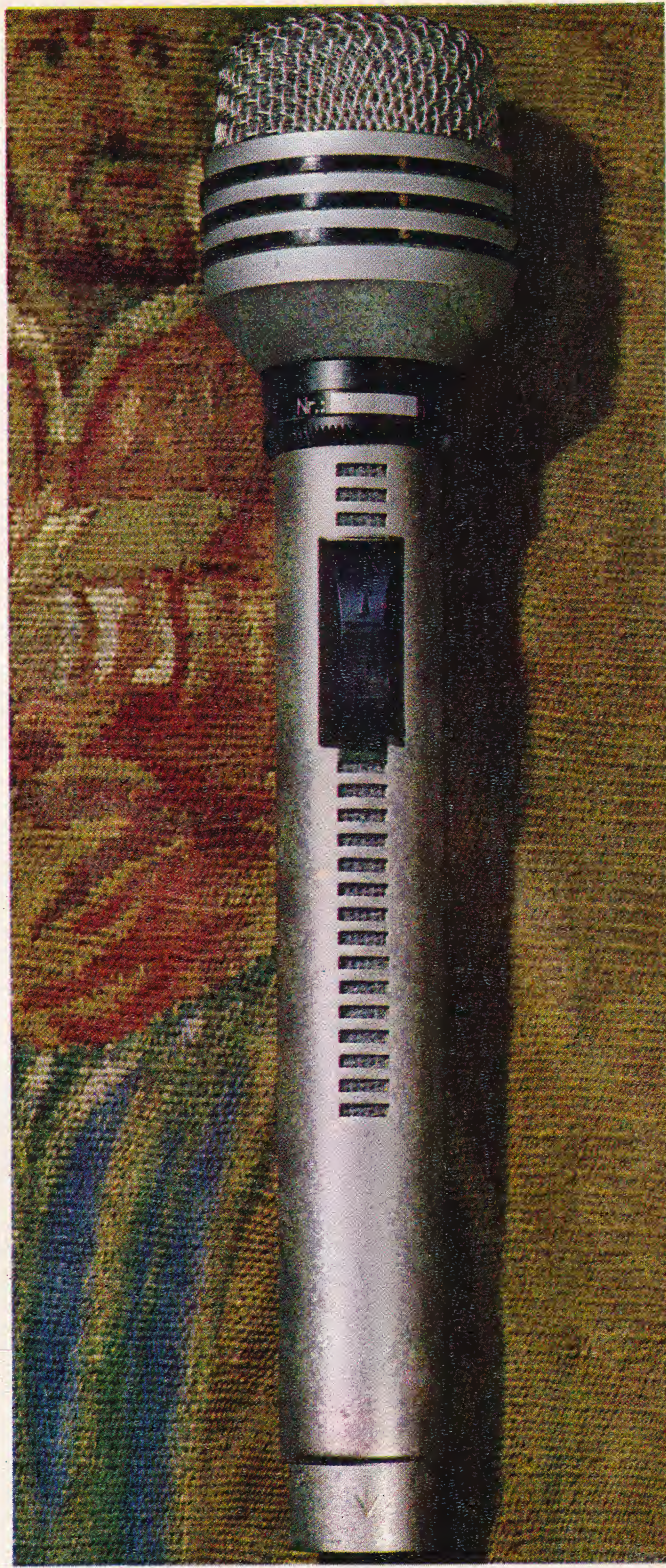


In accordance with the AKG policy of progressive improvement the right is reserved to alter any details of price, specification and equipment without notice.



**AKUSTISCHE U. KINO-GERÄTE GMBH**  
 WIEN XV, NOBILEGASSE 50 · AUSTRIA  
 TELEFON: 0222 921647    TELEX: 11839    TELEGRAMME: MICROPHONE WIEN





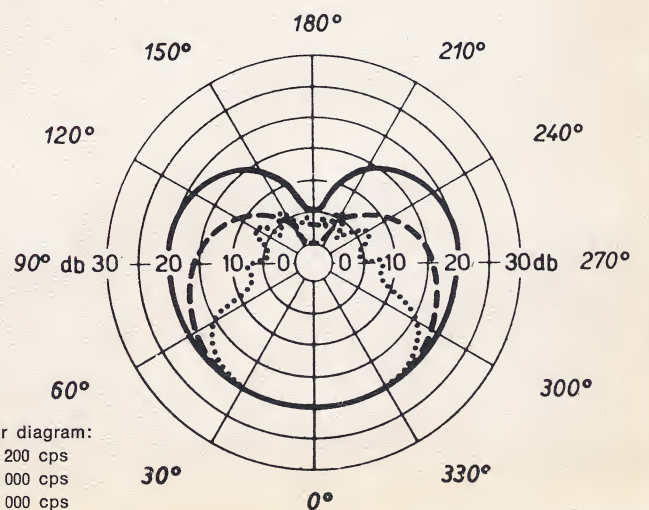
# DYNAMIC CARDIOID MICROPHONE

D 119 CS

D 119 ES









The new slender and elegant microphone for

Small Studios,  
Orchestras,  
Public Address,  
Commentaries,

and for the connoisseur who requires professional recordings. This latest dynamic microphone incorporates approved and long established design techniques and has a superior matt finish combined with modern styling.

The "on-off" slide switch, situated on the microphone shaft is silent in operation and minimises the usual disturbing noises.

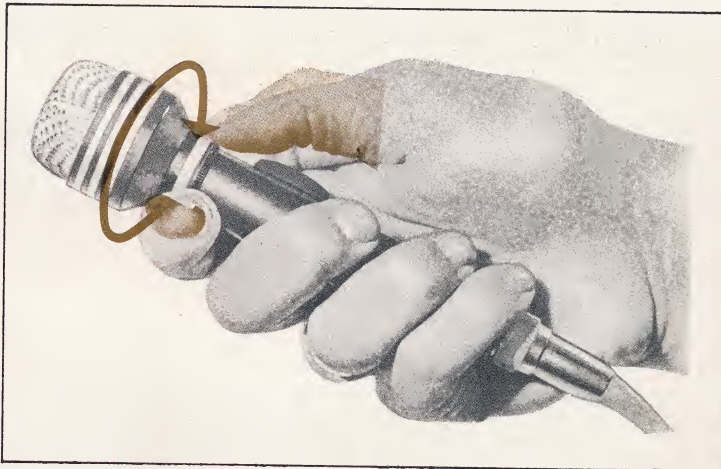
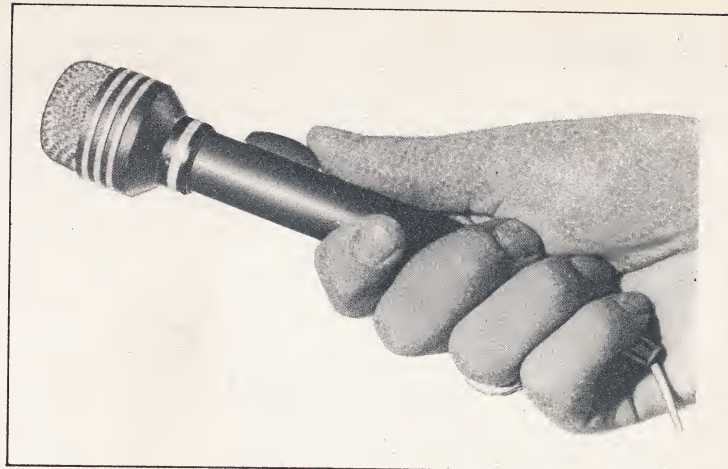
**D 119 CS**

**D 119 ES**

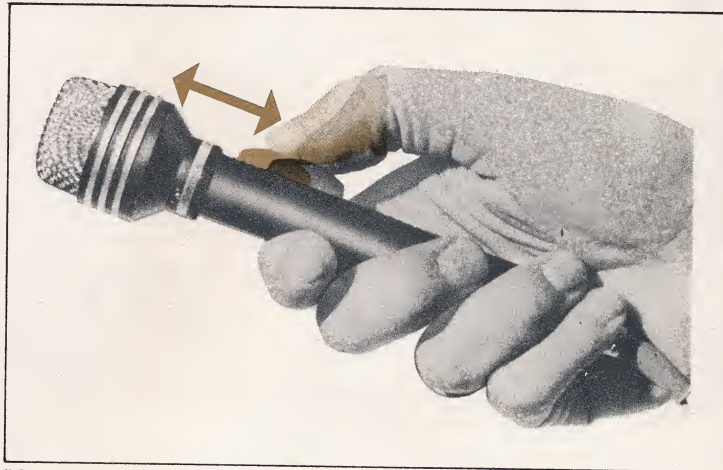
The bass cut switch, located underneath the microphone head, is in the form of a rotatable ring and provides optimum adjustment for speech and music recordings.

The cardioid directional characteristic of the microphone ensures that acoustic feedback is kept at a minimum whilst the grill is so designed that wind noise is greatly reduced.

The special stand adapter allows for quick disconnection of the D 119 from the stand and hence can be quickly converted to a hand microphone.



Bass cut switch



"On-Off" slide switch

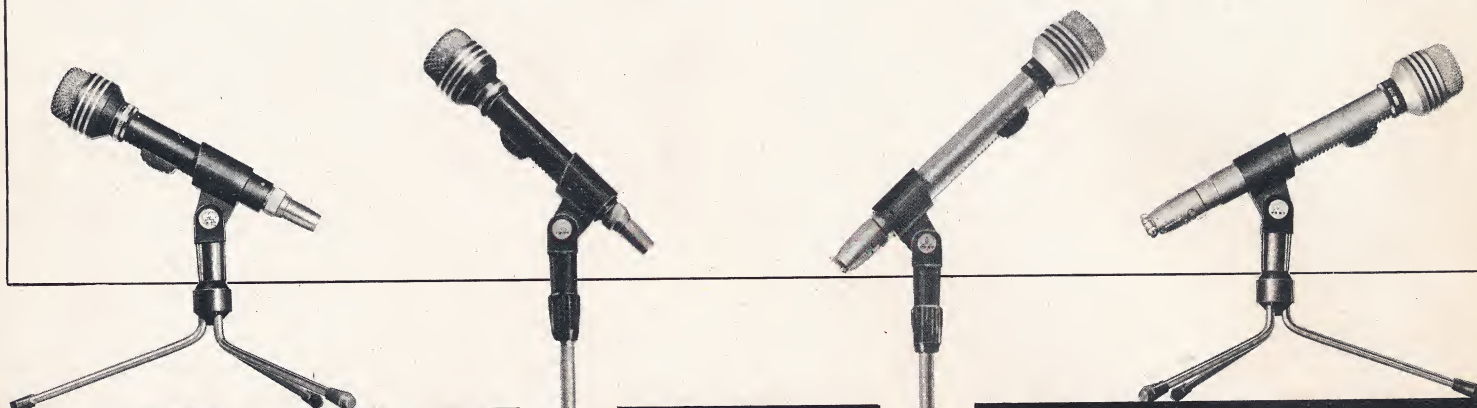




Frequency range: 40–16.000 cps. — Directional characteristic: cardioid  
 Bass attenuation: without gradation at 50 cps, 0–10 db (see curve below)  
 Front to back ratio: approx. 15 db at 180°, sound incidence at 1000 cps.  
 Stand connector SA 11: stand adapter can be connected to threads of 5/8"–27, 3/8" and 1/2"  
 Accessories: table stands and floor stands St 1, ST 200, ST 102 A.

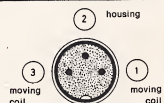
D 119 CS

D 119 ES

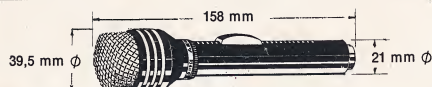


mat/black  
 200 ohms  
 0,18 millivolts/microbar

up to 200 meters maximum can be used. For normal use (up to 5 m) we recommend our MK 1/5 cable with one connecting plug or MK 2/5 with connecting plugs at both ends.



AKG type 1483 Var. 1



D 119 CS, stand adapter SA 11 with a thread adapter SHZ 4, microphone plug 1483 Var. 1, original frequency curve, elegant coverbag.

approx. 6½ oz.

For high impedance amplifier inputs a transformer should be connected, independent of the microphone cable.

finish  
 impedance  
 sensitivity (1000 cps)  
 cable length  
 plug connections

dimensions

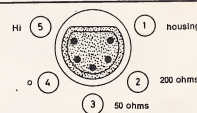
parts supplied

weight

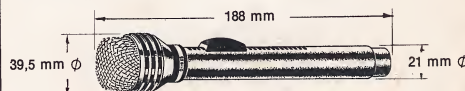
transformer

satin-silver  
 50–60 ohms 150–250 ohms high impedance  
 0.10 millivolts/microbar 0.18 millivolts/microbar 2.0 millivolts/microbar

up to 200 meters  
 For normal use (up to 5 m) we recommend our MK 3/5 with one connecting plug.



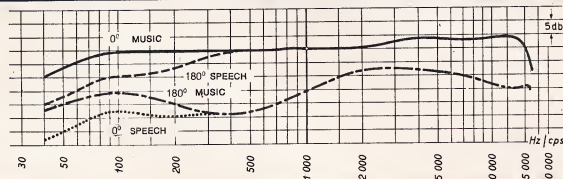
CANNON XLR 5–11C



D 119 ES, stand adapter SA 11 with a thread adapter SHZ 4, original frequency curve, elegant coverbag.

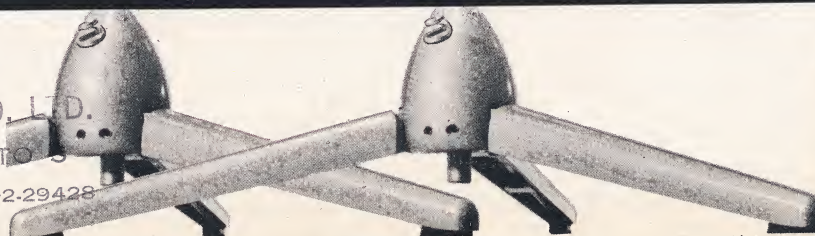
approx. 7½ oz.

built into the microphone.



Each D 119 is tested and measured in one of the precision-test laboratories of AKG, and the test curve is registered by a Brüel & Kjær Automatic Frequency Response Recorder. An individual curve is supplied with each D 119, so that you are able to hear and see the high quality and precision.

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